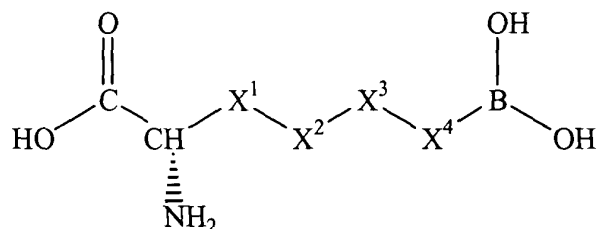


CLAIMS

What is claimed is:

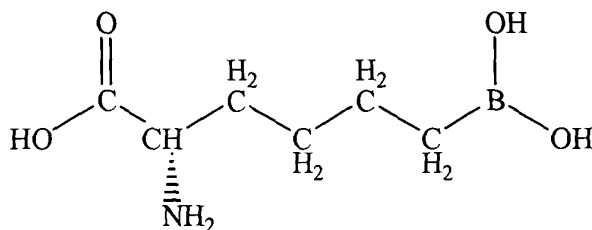
1. A composition comprising an arginase inhibitor having the structure



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wherein each of X^1 , X^2 , X^3 , and X^4 is selected from the group consisting of $-(\text{CH}_2)-$, $-\text{S}-$, $-\text{O}-$, $-(\text{NH})-$, and $-(\text{N-alkyl})-$, except that X^2 is not $-\text{S}-$ when each of X^1 , X^3 , and X^4 is $-(\text{CH}_2)-$.

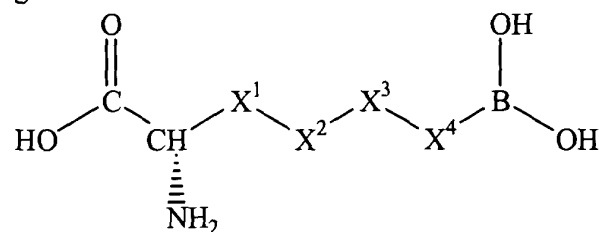
2. The composition of claim 1 wherein the inhibitor has the structure



3. The composition of claim 1, further comprising a pharmaceutically acceptable carrier.

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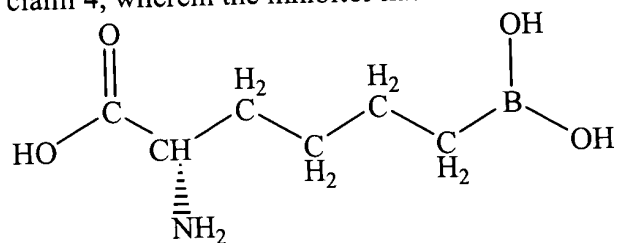
4. A pharmaceutical composition comprising a pharmaceutical acceptable carrier and an arginase inhibitor having the structure



wherein each of X^1 , X^2 , X^3 , and X^4 is selected from the group consisting of $-(\text{CH}_2)-$,

–S–, –O–, –(NH)–, and –(N-alkyl)–, wherein if each of X^1 , X^3 , and X^4 is –(CH₂)–, then X^2 is not –S–.

5. The composition of claim 4, wherein the inhibitor has the structure



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